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Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached Information Disclosure Statement forms PTO/SB/08a and PTO/SB08b. One copy of each foreign patent and each non-patent reference are attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required.

Respectfully submitted,



Steven J. Hultquist
Reg. No. 28,021
Attorney for Applicants

INTELLECTUAL PROPERTY/
TECHNOLOGY LAW
Phone: (919) 419-9350
Fax: (919) 419-9354
Attorney File No.: 4115-197

Enclosures:
IDS Forms PTO/SB/08a and PTO/SB/08b [3 pg(s).]
Foreign Patent References [59 pgs.]
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/588,256
				Filing Date	7/29/2006
				First Named Inventor	Schreier et al.
				Art Unit	1724
				Examiner Name	Not Yet Assigned
(Use as many sheets as necessary)				Attorney Docket Number	4115-197
Sheet	2	of	3		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AE	DAIMS, H., ET AL., Novel Nitrospira-like bacteria as dominant nitrite-oxidizers in biofilms from wastewater treatment plants: diversity..., Water Science and Technology, 2000, Page(s) 85-90, Volume 41, Number 4-5	
	AF	HOVANEK, T.A., ET AL., Comparative analysis of nitrifying bacteria associated with freshwater and marine aquaria, Appl. Environ. Microbiol., August 1996, Page(s) 2888-2896, Volume 62, Number 8	
	AG	KLOEP, FRANK, ET AL., Performance and microbial structure of a nitrifying fluidized-bed reactor, Wat. Res., January 1, 2000, Page(s) 311-319, Volume 34, Number 1	
	AH	MEGONIGAL, J.P., ET AL., Anaerobic metabolism: Linkages to trace gases and aerobic processes, Biochemistry (W.H. Schlesinger, Ed), 2004, Page(s) 359-361, Publisher: Elsevier-Pergamon, Published in: Oxford, UK	
	AI	O'DONNELL, ANTHONY G., ET AL., 16S rDNA methods in soil microbiology, Current Opin. Biotech., June 1999, Page(s) 225-229, Volume 10, Number 3	
	AJ	PRINCIC, ALENKA, ET AL., Effects of pH and Oxygen and Ammonium Concentrations on the Community Structure of Nitrifying Bacteria from Wastewater, Appl. Environ. Microbiol., October 1998, Page(s) 3584-3590, Volume 64, Number 10	
	AK	RUSTEN, BJØRN, ET AL., Moving bed biofilm reactors and chemical precipitation for high efficiency treatment of wastewater from small..., Water Sci. Tech., 1997, Page(s) 71-79, Volume 35, Number 6	
	AL	RUSTEN, B., ET AL., Pilot testing and preliminary design of moving bed biofilm reactors for nitrogen removal at the FREVAR wastewater..., Water Sci. Tech., 2000, Page(s) 13-20, Volume 41, Number 4-5	
	AM	STROUS, MARC, ET AL., Missing lithotroph identified as new planctomycete, Nature, July 29, 1999, Page(s) 446-449, Volume 400, Number 6743	
	AN	TAL, YOSSEI, ET AL., Characterization of the microbial community and nitrogen transformation processes associated with moving bed..., Aquaculture, January 10, 2003, Page(s) 187-202, Volume 215, Number 1-4	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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